

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Previously presented): A method in a data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said logically partitioned computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, said method comprising the steps of:

including a service partition and a service processor within said logically partitioned computer system;

monitoring, by said service processor, a presence of said service application executing on said hardware management console; and

in response to an absence of said service application, reporting, utilizing said service partition, said absence of said service application to a system administrator of said service partition.

2. (Original): The method according to claim 1, further comprising the step of reporting, from said service processor, said absence of said service application to said service partition.

3. (Original): The method according to claim 1, further comprising the steps of:

outputting a signal from said service application utilizing said hardware management console to said service processor; and

utilizing said signal, by said service processor, to monitor a presence of said service application.

4. (Original): The method according to claim 3, further comprising the step of determining that said service application is absent in response to an absence of said signal.

5. (Canceled)

6. (Previously presented): The method according to claim 4, further comprising the steps of:

displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;

receiving an entry in response to said message; and  
in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

7. (Original): The method according to claim 6, further comprising the steps of:

in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

8. (Original): The method according to claim 7, further comprising the step of in response to an entry that said physical links are intact, displaying a message utilizing said service partition prompting said system administrator to manually place a service call.

9. (Previously presented): The method according to claim 4, further comprising the steps of:

displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

10. (Previously presented): A data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said logically partitioned computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, comprising:

a service partition and a service processor included within said logically partitioned computer system;

said service processor for monitoring a presence of said service application executing on said hardware management console; and

in response to an absence of said service application, said service partition for reporting said absence of said service application to a system administrator of said service partition.

11. (Original): The system according to claim 10, further comprising said service processor for reporting said absence of said service application to said service partition.

12. (Original): The system according to claim 10, further comprising:

said service application for outputting a signal utilizing said hardware management console to said service processor; and

said service processor for utilizing said signal to monitor a presence of said service application.

13. (Original): The system according to claim 12, further comprising said service processor for determining that said service application is absent in response to an absence of said signal.

14. (Canceled)

15. (Previously presented): The system according to claim 13, further comprising:

said service partition for displaying a message prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;

an entry being received in response to said message; and

in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, said logically partitioned computer system for displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

16. (Original): The system according to claim 15, further comprising:

in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, said service partition for displaying a message prompting said

system administrator to check physical links between said hardware management console and said logically partitioned computer system;

an entry being received in response to said message; and

in response to an entry that said physical links are not intact, said service processor for displaying a message prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

17. (Original): The system according to claim 16, further comprising in response to an entry that said physical links are intact, said service partition for displaying a message prompting said system administrator to manually place a service call.

18. (Previously presented): The system according to claim 13, further comprising:

said service partition for displaying a message prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

an entry being received in response to said message; and

in response to an entry that said physical links are not intact, said service partition for displaying a message prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

19. (Previously presented): A computer program product in a data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said logically partitioned computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, said computer program product comprising:

instruction means for including a service partition and a service processor within said logically partitioned computer system;

instruction means for monitoring, by said service processor, a presence of said service application executing on said hardware management console; and

in response to an absence of said service application, instruction means for reporting, utilizing said service partition, said absence of said service application to a system administrator of said service partition.

20. (Original): The product according to claim 19, further comprising instruction means for reporting, from said service processor, said absence of said service application to said service partition.

21. (Original): The product according to claim 19, further comprising:

instruction means for outputting a signal from said service application utilizing said hardware management console to said service processor; and

instruction means for utilizing said signal, by said service processor, to monitor a presence of said service application.

22. (Original): The product according to claim 21, further comprising instruction means for determining that said service application is absent in response to an absence of said signal.

23. (Canceled)

24. (Previously presented): The product according to claim 22, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, instruction means for displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

25. (Original): The product according to claim 24, further comprising:

in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

26. (Original): The product according to claim 25, further comprising in response to an entry that said physical links are intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to manually place a service call.

27. (Previously presented): The product according to claim 22, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.